

## ABSTRACT OF THE DISCLOSURE

A detector, that prevents erroneous detection of a foreign object caught in a window glass when the engine of a vehicle is being operated and when the engine is stopped using a relatively simple control method. The detector includes a pulse sensor for detecting rotational speed of a motor. A microcomputer calculates a cycle difference sum based on the rotational speed of the motor. The microcomputer compares the cycle difference sum with a obstruction determination threshold to determine whether a foreign object has been caught. The microcomputer detects whether the engine is stopped. When detecting that the engine is stopped, the microcomputer changes the obstruction determination threshold so that the probability of the microcomputer determining that a foreign object has been caught is lower than that when the engine is being operated.